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APPLICATION FOR UNITED STATES PATENTDeclaration and Power of Attorney

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of such specification, including the claims; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION: FRAME MEMORY CIRCUIT

I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Melvin Sharp, Reg. No. 20,556
Rhys Merrett, Reg. No. 27,250
Richard Donaldson, Reg. No. 25,673
Leo N. Heiting, Reg. No. 26,906
Carlton H. Hoel, Reg. No. 29,934
Kenneth C. Hill, Reg. No. 29,650
Fred Telecky, Reg. No. 29,979
Thomas W. DeMond, Reg. No. 28,067

Please send correspondence to: Leo Heiting, Esq.

Texas Instruments Incorporated
P.O. Box 655474, M/S 219
Dallas, Texas 75265

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(214) 995- 5491

Name of Inventor: Masashi Hashimoto
Residence & P.O.: 2350 Kihara, Miho-Mura, Inashiki-Gun,
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Citizenship: Japan
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Inventor: _____
Date: _____

Name of Inventor: Gene A. Frantz
Residence & P.O.: 2027 Point Clear Ct.;
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Citizenship: United States of America
Signature of
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Date: _____

Name of Inventor: John Victor Moravec
Residence & P.O.: 212 Hinricher Drive;
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Signature of
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Name of Inventor: Jean-Pierre Dolait
Residence & P.O.: 511 Goodwin Drive,
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Signature of
Inventor: _____
Date: _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Masashi Hashimoto et al
Serial No.: 137,305

Group:

Filed: December 23, 1987

For: FRAME MEMORY CIRCUIT

DECLARATION NOT ACCOMPANYING APPLICATION

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described and claimed in U.S. Patent Application S.N. 137,305, filed December 23, 1987; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America prior to the filing date of said application; and that I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a).

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FRAME MEMORY CIRCUIT

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Thomas W. DeMond, Reg. No. 28,067
N. Rhys Merrett, Reg. No. 27,250
Richard L. Donaldson, Reg. No. 25,673
Leo N. Heiting, Reg. No. 26,906

Carlton H. Hoel, Reg. No. 29,934
Kenneth C. Hill, Reg. No. 29,650
Douglas A. Sorensen, Reg. No. 31,570
Theodore D. Lindgren, Reg. No. 26,295

SEND CORRESPONDENCE TO:

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Texas Instruments Incorporated
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Dallas, Texas 75265

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(name and telephone number)
Thomas W. DeMond
(214) 995-1347

FULL NAME OF INVENTOR	LAST NAME Hashimoto	FIRST NAME Masashi	MIDDLE NAME
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FULL NAME OF INVENTOR	LAST NAME —	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE
FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE

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SIGNATURE OF INVENTOR <i>Masashi Hashimoto</i> Masashi Hashimoto	SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR
DATE June 14, 1988	DATE	DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of
Masashi Hashimoto et al
Serial No.: 137,305
Filed: December 23, 1987
For: FRAME MEMORY CIRCUIT

Group:

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Richard L. Donaldson, Reg. No. 25,673
Leo N. Heiting, Reg. No. 26,906

Carlton H. Hoel, Reg. No. 29,934
Kenneth C. Hill, Reg. No. 29,550
Douglas A. Sorensen, Reg. No. 31,570
Theodore D. Lindgren, Reg. No. 26,295

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Thomas W. DeMond
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FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	Prantz	Gene	A.
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POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
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FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE

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SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR
<i>Gene A. Prantz</i>		
NAME	NAME	NAME
6/24/88		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of
Masashi Hashimoto et al
Serial No.: 137,305
Filed: December 23, 1987
For: FRAME MEMORY CIRCUIT

Group:

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B. Rhys Merrett, Reg. No. 27,250
Richard L. Donaldson, Reg. No. 25,673
Leo N. Heiting, Reg. No. 26,906

Carlton E. Hoel, Reg. No. 29,934
Kenneth C. Hill, Reg. No. 29,650
Douglas A. Sorensen, Reg. No. 31,570
Theodore D. Lindgren, Reg. No. 26,295

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DIRECT TELEPHONE CALLS TO:

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Thomas W. DeMond
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FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
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			ZIP CODE
			60480
FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE
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			ZIP CODE

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SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR
<i>John Victor Moravec</i>		
John Victor Moravec		
DATE	DATE	DATE
June 22, 1988		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of
 Masashi Hashimoto et al
 Serial No.: 137,305
 Filed: December 23, 1987
 For: FRAME MEMORY CIRCUIT

Group:

DECLARATION NOT ACCOMPANYING APPLICATION

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 Dallas, Texas 75265

DIRECT TELEPHONE CALLS TO:

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 Thomas W. DeMond
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FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	Dolait	Jean-Pierre	
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	06270 Villeneuve-Loubet	France	France
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
	18, Domaine De Saint Andreu	06270 Villeneuve-Loubet	France
FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
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SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR
Jean-Pierre Dolait	
DATE	DATE
June 22, 1988	